What is claimed is:

1. A security system for electronic commerce for verifying the authenticity of a user comprising:

a server authentication program, said server authentication program being installed in a web-server at a website of a web-service provider;

a client software component, said client software component being downloaded and installed at a workstation of the user;

said server authentication program being integrated with existing web-applications with the web-service provider and for receiving existing security parameters entered by the user;

a biometric scanner, said biometric scanner being activated for identifying characteristics of a biometrics image and for converting the biometrics image into digital data;

a device for compressing and encrypting the digital data from said biometric scanner;

a device for transmitting the compressed and encrypted data to the web-server;

a device for comparing the encrypted data with data stored in a database; and

a device for sending status codes of comparison, if comparison is successful, to the web-service provider.

2. A security system for electronic commerce for verifying the authenticity of a user as claimed in claim 1, wherein the biometrics data is selected from one or more of the group consisting of a finger print of one or more fingers of the user, a palm print of the user, an iris scan of the user, a retina scan of the user and any other optically distinguishable parameter of the user.

3. A security system for electronic commerce for verifying the authenticity of a user as claimed in claim 1, wherein a plurality of sources of biometric data of a single user is used to authenticate the identify of the user.

4. A method of verifying the authenticity of a user with a security system for electronic commerce, comprising the steps of:

installing a server authentication program in a web-server at a website of a web-service provider;

downloading and installing a client software component at a workstation of the user;

integrating said server authentication program with existing web-applications with the web-service provider;

receiving existing security parameters entered by the user;

activating a biometric scanner to identify characteristics of a biometrics image and to convert the biometrics image into digital data;

compressing and encrypting the digital data from said biometric scanner;

transmitting the compressed and encrypted data to the web-server;

comparing the encrypted data with data stored in a database; and

sending status codes of comparison, if comparison is successful, to the web-service provider.

5. A method of verifying the authenticity of a user with a security system for electronic commerce as claimed in claim 1, further comprising the step of selecting the biometrics data from one or more of the group consisting of a finger print of one or more fingers of the user, a palm print of the user, an iris scan of the user, a retina scan of the user and any other optically distinguishable parameter of the user.

6. A method of verifying the authenticity of a user with a security system for electronic commerce as claimed in claim 1, further comprising the step of using a plurality of sources of biometric data of a single user to authenticate the identify of the user.